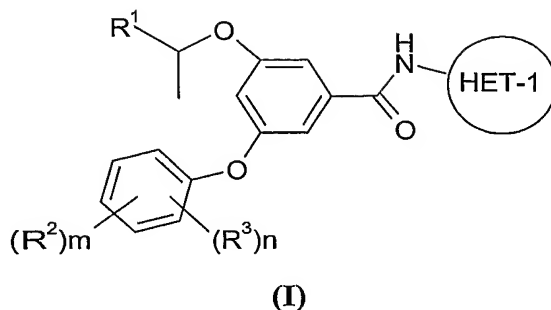


**Claims:**

1. A compound of Formula (I):



wherein:

$R^1$  is methyl;

$R^2$  is selected from  $-C(O)NR^4R^5$ ,  $-SO_2NR^4R^5$ ,  $-S(O)_pR^4$  and HET-2;

10 HET-1 is a 5- or 6-membered, C-linked heteroaryl ring containing a nitrogen atom in the 2-position and optionally 1 or 2 further ring heteroatoms independently selected from O, N and S; which ring is optionally substituted on an available carbon atom, or on a ring nitrogen atom provided it is not thereby quaternised, with 1 or 2 substituents independently selected from  $R^6$ ;

15 HET-2 is a 4-, 5- or 6-membered, C- or N-linked heterocyclyl ring containing 1, 2, 3 or 4 heteroatoms independently selected from O, N and S, wherein a  $-CH_2-$  group can optionally be replaced by a  $-C(O)-$ , and wherein a sulphur atom in the heterocyclic ring may optionally be oxidised to an  $S(O)$  or  $S(O)_2$  group, which ring is optionally substituted on an available carbon or nitrogen atom by 1 or 2 substituents independently selected from  $R^7$ ;

20  $R^3$  is selected from halo, fluoromethyl, difluoromethyl, trifluoromethyl, methyl, methoxy and cyano;

$R^4$  is selected from hydrogen, (1-4C)alkyl [optionally substituted by 1 or 2 substituents independently selected from HET-2,  $-OR^5$ ,  $-SO_2R^5$ , (3-6C)cycloalkyl (optionally substituted with 1 group selected from  $R^7$ ) and  $-C(O)NR^5R^5$ ], (3-6C)cycloalkyl (optionally substituted with 1 group selected from  $R^7$ ) and HET-2;

$R^5$  is hydrogen or (1-4C)alkyl;

or  $R^4$  and  $R^5$  together with the nitrogen atom to which they are attached may form a heterocyclyl ring system as defined by HET-3;

R<sup>6</sup> is independently selected from (1-4C)alkyl, halo, hydroxy(1-4C)alkyl, (1-4C)alkoxy(1-4C)alkyl, (1-4C)alkylS(O)p(1-4C)alkyl, amino(1-4C)alkyl, (1-4C)alkylamino(1-4C)alkyl, di(1-4C)alkylamino(1-4C)alkyl and HET-4;

R<sup>7</sup> is selected from -OR<sup>5</sup>, (1-4C)alkyl, -C(O)(1-4C)alkyl, -C(O)NR<sup>4</sup>R<sup>5</sup>, (1-4C)alkoxy(1-4C)alkyl, hydroxy(1-4C)alkyl and -S(O)pR<sup>5</sup>;

HET-3 is an N-linked, 4, 5 or 6- membered, saturated or partially unsaturated heterocycl ring, optionally containing 1 or 2 further heteroatoms (in addition to the linking N atom) independently selected from O, N and S, wherein a -CH<sub>2</sub>- group can optionally be replaced by a -C(O)- and wherein a sulphur atom in the ring may optionally be oxidised to an S(O) or S(O)<sub>2</sub> group; which ring is optionally substituted on an available carbon or nitrogen atom by 1 or 2 substituents independently selected from R<sup>8</sup>; or

HET-3 is an N-linked, 7 membered, saturated or partially unsaturated heterocycl ring, optionally containing 1 further heteroatom (in addition to the linking N atom) independently selected from O, S and N, wherein a -CH<sub>2</sub>- group can optionally be replaced by a -C(O)- group and wherein a sulphur atom in the ring may optionally be oxidised to an S(O) or S(O)<sub>2</sub> group; which ring is optionally substituted on an available carbon or nitrogen atom by 1 or 2 substituents independently selected from R<sup>8</sup>; or

HET-3 is an 6-10 membered bicyclic saturated or partially unsaturated heterocycl ring, optionally containing 1 further nitrogen atom (in addition to the linking N atom), wherein a -CH<sub>2</sub>- group can optionally be replaced by a -C(O)-; which ring is optionally substituted on an available carbon or nitrogen atom by 1 substituent selected from hydroxy and R<sup>3</sup>;

R<sup>8</sup> is selected from -OR<sup>5</sup>, (1-4C)alkyl, -C(O)(1-4C)alkyl, -C(O)NR<sup>4</sup>R<sup>5</sup>, (1-4C)alkylamino, di(1-4C)alkylamino, HET-3 (wherein said ring is unsubstituted), (1-4C)alkoxy(1-4C)alkyl, hydroxy(1-4C)alkyl and -S(O)pR<sup>5</sup>;

HET-4 is a 5- or 6-membered, C-or N- linked unsubstituted heteroaryl ring containing 1, 2 or 3 ring heteroatoms independently selected from O, N and S;

p is (independently at each occurrence) 0, 1 or 2;

m is 0 or 1;

n is 0, 1 or 2;

provided that when m is 0, then n is 1 or 2;

or a salt, pro-drug or solvate thereof.

2. A compound of the formula (I) as claimed in Claim 1 or a salt, pro-drug or solvate thereof with the proviso that compounds exemplified in WO2004/076420, which would otherwise fall within the scope of this invention, are excluded.

5 3. A compound of the formula (I) as claimed in Claim 1 or Claim 2, or a salt, pro-drug or solvate thereof, wherein  $R^1$  has the (S) configuration.

4. A compound of the formula (I) as claimed in Claim 1, Claim 2 or Claim 3, or a salt, pro-drug or solvate thereof, wherein HET-1 is a 5-membered ring.

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5. A compound of the formula (I) as claimed in any one of Claims 1 to 4, or a salt, pro-drug or solvate thereof, wherein  $R^2$  is selected from  $-C(O)NR^4R^5$  and  $-SO_2NR^4R^5$  and  $R^4$  and  $R^5$  together with the nitrogen atom to which they are attached may form a heterocyclyl ring system as defined by HET-3.

15

6. A compound of the formula (I) as claimed in any one of Claims 1 to 5, or a salt, pro-drug or solvate thereof, wherein HET-3 is a 4- to 6-membered ring.

7. A compound of the formula (I) as claimed in Claim 1, Claim 2 or Claim 3, or a salt, pro-drug or solvate thereof, wherein  $R^2$  is selected from  $-C(O)NR^4R^5$  and  $-SO_2NR^4R^5$  and  $R^4$  is selected from (1-4C)alkyl [substituted by 1 or 2 substituents independently selected from HET-2,  $-OR^5$ ,  $-SO_2R^5$ , (3-6C)cycloalkyl (optionally substituted with 1 group selected from  $R^7$ ) and  $-C(O)NR^5R^5$ ], (3-6C)cycloalkyl (optionally substituted with 1 group selected from  $R^7$ ) and HET-2.

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8. A compound of the formula (I) as claimed in Claim 1, Claim 2 or Claim 3, or a salt, pro-drug or solvate thereof, wherein  $R^2$  is  $-SO_2R^4$  and  $R^4$  is selected from (1-4C)alkyl [substituted by 1 or 2 substituents independently selected from HET-2,  $-OR^5$ ,  $-SO_2R^5$ , (3-6C)cycloalkyl (optionally substituted with 1 group selected from  $R^7$ ) and  $-C(O)NR^5R^5$ ], (3-6C)cycloalkyl (optionally substituted with 1 group selected from  $R^7$ ) and HET-2.

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9. A compound of the formula (I) as claimed in Claim 1, Claim 2 or Claim 3, or a salt, pro-drug or solvate thereof, wherein  $R^2$  is HET-2.

10. A pharmaceutical composition comprising a compound according to any one of  
5 Claims 1 to 9, or a salt, pro-drug or solvate thereof, together with a pharmaceutically acceptable diluent or carrier.

11. A compound according to any one of Claims 1 to 9 or a pharmaceutically-acceptable salt, solvate or pro-drug thereof for use as a medicament.

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12. A compound according to any one of Claims 1 to 9 for use in the preparation of a medicament for treatment of a disease mediated through GLK.

13. A compound according to any one of Claims 1 to 9 for use in the preparation of a  
15 medicament for treatment of type 2 diabetes.

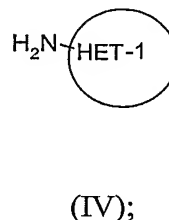
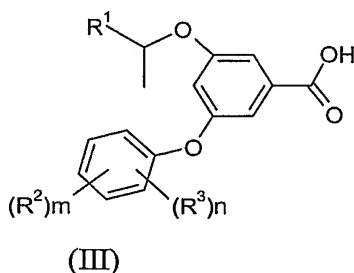
14. A method of treating GLK mediated diseases by administering an effective amount of a compound of Formula (I) as claimed in any one of Claims 1 to 9 or salt, solvate or pro-drug thereof, to a mammal in need of such treatment.

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15. The method of Claim 14 wherein the GLK mediated disease is type 2 diabetes.

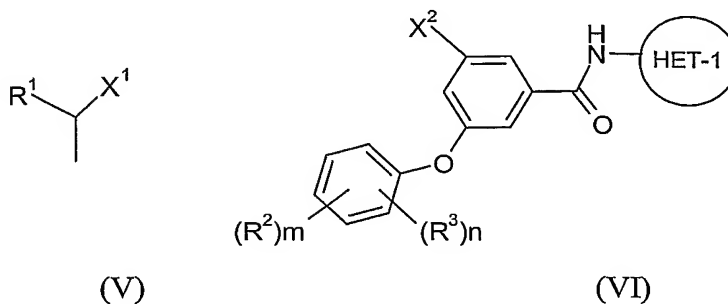
16. A process for the preparation of a compound of Formula (I) as claimed in any one of Claims 1 to 9, which comprises (wherein variables are as defined in Claim 1 unless otherwise  
25 stated):

(a) reaction of an acid of Formula (III) or activated derivative thereof with a compound of Formula (IV),



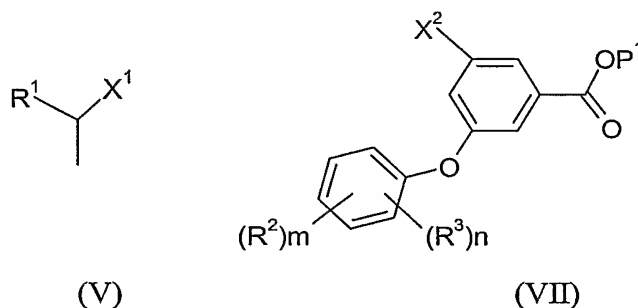
or

(b) reaction of a compound of Formula (V) with a compound of Formula (VI),



5 wherein  $X^1$  is a leaving group and  $X^2$  is a hydroxyl group or  $X^1$  is a hydroxyl group and  $X^2$  is a leaving group;

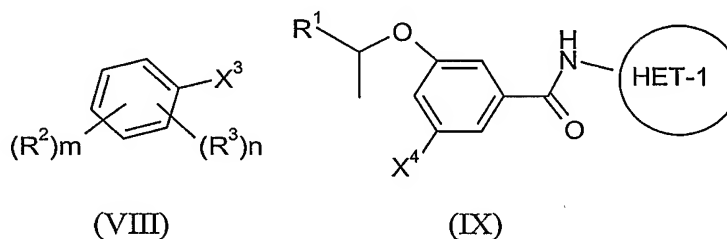
[or by reaction with the intermediate ester Formula (VII), wherein  $P^1$  is a protecting group followed by ester hydrolysis and amide formation];



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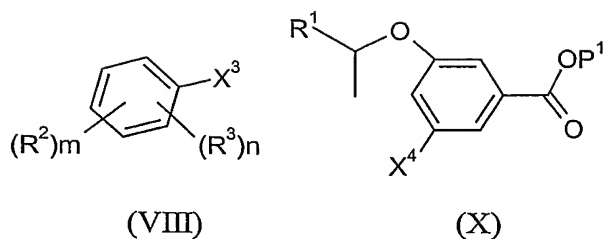
or

(c) reaction of a compound of Formula (VIII) with a compound of Formula (IX)



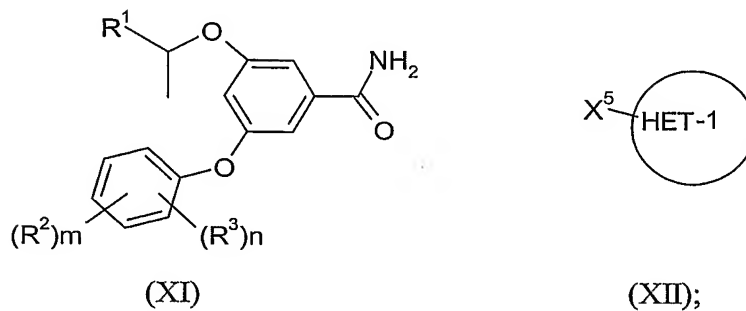
15 wherein  $X^3$  is a leaving group or an organometallic reagent and  $X^4$  is a hydroxyl group or  $X^3$  is a hydroxyl group and  $X^4$  is a leaving group or an organometallic reagent;  
[or by reaction or (VIII) with the intermediate ester Formula (X), followed by ester hydrolysis and amide formation];

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or

(d) reaction of a compound of Formula (XI) with a compound of Formula (XII),

wherein X<sup>5</sup> is a leaving group;

and thereafter, if necessary:

- i) converting a compound of Formula (I) into another compound of Formula (I);
- 10 ii) removing any protecting groups; and/or
- iii) forming a salt, pro-drug or solvate.

17. A compound as exemplified herein, or a salt, pro-drug or solvate thereof.